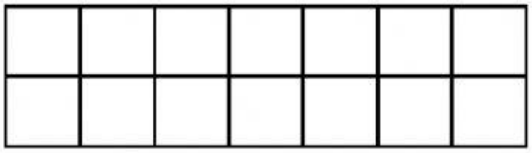
Name:_____ Date: _____

Multiplication and Area Quiz

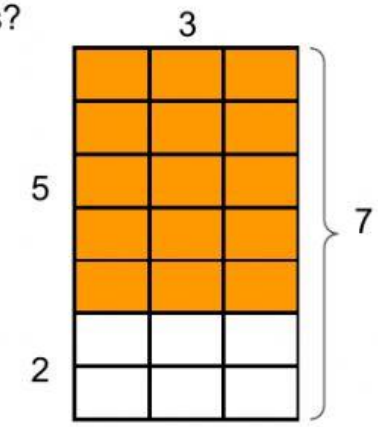
1. What is the area of the rectangle?



Area = _____ square inches

Find the area of the large rectangle by finding the areas of the two small rectangles and adding them.

2. What is the area of the shaded and unshaded rectangles?



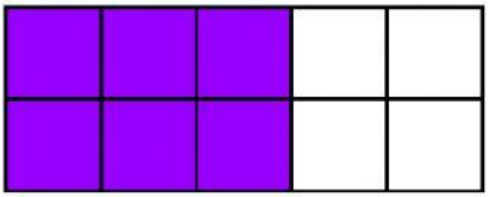
(_____ x _____) + (_____ x _____) =

_____ + _____ = _____

3. What is the area of the large (whole) rectangle?

_____ x _____ = _____

4. Match the multiplication and addition equation that represents the area of the shaded part of the rectangle and the unshaded part of the rectangle.



a. (4 x 2) + (1 x 2) = 8 + 2 = 10

b. (2 x 3) + (2 x 2) = 6 + 4 = 10

c. (3 x 3) + (3 x 3) = 9 + 9 = 18

Find the product.

5. 7 x 4 = _____

6. 3 x 8 = _____

7. 9 x 6 = _____

8. 10 x 2 = _____

9. 8 x 4 = _____

10. 5 x 8 = _____